

ABSTRACT

[0040] A method and apparatus for manufacturing an air controllably permeable, water repellent, acoustic absorbing door water shield for attachment to a vehicle door. The water shield is formed of a first layer constructed of a water repellent, air restrictive non woven scrim which is joined to a second layer formed of a lofted, non-woven fiber pad. The first layer has an air permeability greater than zero. Varying the characteristics of the first and second layers optimizes the acoustic absorption range of the door water shield .